What is Claimed is:

1. A three-axis vehicle hitch comprising:

a first yoke having a first base and a first pair of spaced apart arms extending perpendicularly from the base;

a second yoke having a second base and a second pair of spaced apart arms extending perpendicularly from the base;

the first and second bases pivotally attached for rotation around a first axis that is parallel to the first and second pairs of spaced apart arms;

the first pair of spaced apart arms having a connector adapted for pivotably receiving a rearwardly extending first hitch member of a first vehicle;

the second pair of spaced apart arms having a connector adapted for pivotably receiving a forwardly extending second hitch member of a second vehicle; and,

the first and second yokes operable to connect the first and second vehicles and to provide relative movement in three axes between the first and second vehicles.

2. A three-axis vehicle hitch according to claim 1 further comprising the first and second bases having respective first and second holes formed therethrough, and a first connector passing through the first and second holes to rotatably connect the first and second bases.

3. A three-axis vehicle hitch according to claim 2 wherein the first connector is selected from the group consisting of a bolt, a pin, and a washer.

4. A three-axis vehicle hitch according to claim 3 wherein the connector includes a bolt, a nut, and first and second washers.

5. A three-axis vehicle hitch according to claim 1 further comprising a washer between the first and second spacers.

6. A three-axis vehicle hitch according to claim 1 further comprising the first and second pairs of spaced apart arms each having coaxial transverse holes formed therein, and a retainer releasably mounted therein.

7. A three-axis vehicle hitch according to claim 2 further comprising the first and second pairs of spaced apart arms each having coaxial transverse holes formed therein, and a retainer releasably mounted therein.

8. A three-axis vehicle hitch according to claim 2 further comprising:

a rearwardly extending first hitch member of a first vehicle pivotably mounted in the first pair of spaced apart pair of arms; and,

a forwardly extending second hitch member of a second vehicle pivotably mounted in the second pair of spaced apart arms.

9. A three-axis vehicle hitch according to claim 1 further comprising the first and second bases rotatable at least 90 degrees relative to one another.

10. A three-axis vehicle hitch according to claim 1 further comprising the first and second bases rotatable at least 180 degrees relative to one another.

11. A three-axis vehicle hitch according to claim 1 further comprising the first and second bases rotatable at least 360 degrees relative to one another.

12. A three-axis vehicle hitch according to claim 8 further comprising the first and second hitch members pivotable at least 90 degrees relative to the respective first and second yokes.

13. A three-axis vehicle hitch according to claim 8 further comprising the first and second hitch members pivotable at least 180 degrees relative to the respective first and second yokes.

14. A three-axis vehicle hitch according to claim 8 further comprising the first and second hitch members pivotable at least 360 degrees relative to the respective first and second yokes.

15. A three-axis vehicle hitch comprising:

a first yoke having a first base and a first pair of spaced apart arms extending perpendicularly from the base;

a second yoke having a second base and a second pair of spaced apart arms extending perpendicularly from the base;

the first and second bases pivotally attached for rotation around a first axis that is parallel to the first and second pairs of spaced apart arms;

the first pair of spaced apart arms having a connector adapted for pivotably receiving a rearwardly extending first hitch member of a first vehicle;

the second pair of spaced apart arms having a connector adapted for pivotably receiving a forwardly extending second hitch member of a second vehicle;

the first and second yokes operable to connect the first and second vehicles and to provide relative movement in three axes between the first and second vehicles; and,

the first and second bases having respective first and second holes formed therethrough, and a first connector passing through the first and second holes to rotatably connect the first and second bases.